

2018 Current Fiscal Year Report: Proposal Review Panel for Physics

Report Run Date: 06/06/2019 03:08:25 AM

1. Department or Agency

National Science Foundation

2. Fiscal Year

2018

3. Committee or Subcommittee

Proposal Review Panel for Physics

3b. GSA Committee No.

1208

4. Is this New During Fiscal Year?

No

5. Current Charter

06/29/2018

6. Expected Renewal Date

06/29/2020

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

ADM IV-100

13. Effective Date

08/16/1990

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Grant Review Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open 0 17b. Closed 27 17c. Partially Closed 7 Other Activities 0 17d. Total 34 Meetings and Dates

Purpose	Start	End
Proposal Review	10/16/2017	- 10/17/2017
Proposal Review	10/25/2017	- 10/26/2017
Proposal Review	10/26/2017	- 10/27/2017
Proposal Review	11/06/2017	- 11/09/2017
Proposal Review	11/16/2017	- 11/17/2017
Proposal Review	12/12/2017	- 12/14/2017
Proposal Review	01/03/2018	- 01/03/2018
Proposal Review	01/16/2018	- 01/18/2018
Proposal Review	01/18/2018	- 01/19/2018
Proposal Review	01/25/2018	- 01/26/2018
Proposal Review	01/30/2018	- 01/31/2018
Proposal Review	02/01/2018	- 02/02/2018
Proposal Review	02/01/2018	- 02/02/2018
Proposal Review	02/05/2018	- 02/06/2018
Proposal Review	02/09/2018	- 02/09/2018
Proposal Review	02/12/2018	- 02/13/2018
Proposal Review	02/12/2018	- 02/13/2018
Proposal Review	02/13/2018	- 02/15/2018
Proposal Review	02/15/2018	- 02/15/2018
Proposal Review	02/20/2018	- 02/21/2018

Proposal Review	03/05/2018	- 03/07/2018
Proposal Review	03/12/2018	- 03/13/2018
Proposal Review	03/12/2018	- 03/14/2018
Proposal Review	03/19/2018	- 03/21/2018
Proposal Review	03/26/2018	- 03/27/2018
Proposal Review	03/29/2018	- 03/30/2018
Proposal Review	04/11/2018	- 04/13/2018
Proposal Review	04/25/2018	- 04/27/2018
Proposal Review	05/07/2018	- 05/08/2018
Proposal Review	05/10/2018	- 05/10/2018
Proposal Review	06/19/2018	- 06/21/2018
Proposal Review	07/23/2018	- 07/23/2018
Proposal Review	08/07/2018	- 08/08/2018
Proposal Review	09/11/2018	- 09/12/2018

Number of Committee Meetings Listed: 34

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$414,440.00	\$435,162.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$456,740.00	\$479,577.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$150,171.00	\$157,680.00
18b(2). Travel and Per Diem to Federal Members	\$7,231.00	\$7,593.00
18b(3). Travel and Per Diem to Federal Staff	\$5,307.00	\$5,572.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$29,150.00	\$30,608.00
18d. Total	\$1,063,039.00	\$1,116,192.00
19. Federal Staff Support Years (FTE)	2.90	3.00

20a. How does the Committee accomplish its purpose?

Panels were held to review proposals in all the programmatic areas supported by the Physics Division. The program areas included Elementary Particle Physics, Particle and Nuclear Astrophysics, Nuclear Physics, Gravitational Physics, Atomic, Molecular and Optical Physics, Plasma Physics, Physics of Living Systems, Theoretical Physics, Physics at the Information Frontier, and Integrative Activities in Physics. In addition to the programmatic proposals reviewed by panel, special emphasis panels were also held to review proposals received through the NSF-wide initiatives of Research Experiences for Undergraduates (REU). Site Visit reviews were held for the Operations and Maintenance of the Laser Interferometer Gravitational Wave Observatory (LIGO), the Advanced LIGO (AdvLIGO) construction project and the National Superconducting Cyclotron Laboratory (NSCL) supported by the Division. These site visits provide important technical input and advice to the NSF concerning the operations of these large-scale projects and are critical to the oversight of these activities.

20b. How does the Committee balance its membership?

The membership of all review panels was selected to include individuals with scientific expertise in physics research, familiarity with the training process for young scientists, and, in the case of the technical reviews, advanced technical expertise in areas of construction, environmental impact, safety, and project management. Members were also selected to have a broad range of experience and viewpoints, including women and members of under-represented minorities, a mixture of junior and senior scientists, a variety of large and small institutions, and a geographical distribution from across the Nation.

20c. How frequent and relevant are the Committee Meetings?

The Division of Physics has deadline dates for each of the program areas and conducts at least one panel review a year upon receipt of proposals in the Division. In addition, at least one panel is generally convened each year for the REU and any other NSF-wide initiatives being held within that fiscal year.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

Proposals submitted to the Division programs, as well as those reviewed as part of NSF-wide activities, typically represent complex projects that require a broad range of expertise in physics research and education that no one person has. In addition, panel review in combination with mail review is used to provide better judgment regarding the merits of a proposal. Site visits constitute the most critical component of oversight of large-scale projects such as centers and facilities operations, which by their very nature require a breadth of input to reliably cover all aspects of the activity.

20e. Why is it necessary to close and/or partially closed committee meetings?

Proposals include information of a proprietary or confidential nature, including technical information, financial data, such as salaries, and personal information about individuals associated with the proposals. Closing a meeting maintains this confidentiality.

21. Remarks

None

Designated Federal Officer

Saul Gonzalez Acting Deputy Division Director

Committee Members	Start	End	Occupation	Member Designation
Abba, Wayne	10/01/2017	09/30/2018	Abba Consulting	Special Government Employee (SGE) Member
Acosta, Darin	10/01/2017	09/30/2018	University of Florida	Special Government Employee (SGE) Member

Agullo, Ivan	10/01/2017	09/30/2018	Louisiana State University and Agricultural	Special Government Employee (SGE) Member
Alexander, James	10/01/2017	09/30/2018	Cornell University	Special Government Employee (SGE) Member
Almaraz-Calderon, Sergio	10/01/2017	09/30/2018	Florida State University	Special Government Employee (SGE) Member
Anderson, Brian	10/01/2017	09/30/2018	University of Arizona	Special Government Employee (SGE) Member
Angeli, George	10/01/2017	09/30/2018	Giant Magellan Telescope Organization	Special Government Employee (SGE) Member
Arefiev, Alexey	10/01/2017	09/30/2018	University of California-San Diego	Special Government Employee (SGE) Member
Areti, Hari	10/01/2017	09/30/2018	Old Dominion University	Special Government Employee (SGE) Member
Ashtekar, Abhay	10/01/2017	09/30/2018	Pennsylvania State University	Special Government Employee (SGE) Member
Austin, Robert	10/01/2017	09/30/2018	Princeton University	Special Government Employee (SGE) Member
Bacon, Dave	10/01/2017	09/30/2018	University of Washington	Special Government Employee (SGE) Member
Baker, Andrew	10/01/2017	09/30/2018	Rutgers, The State University of New Jersey	Special Government Employee (SGE) Member
Baker, John	10/01/2017	09/30/2018	NASA / Goddard Space Flight Center	Regular Government Employee (RGE) Member
Balantekin, A. Baha	10/01/2017	09/30/2018	University of Wisconsin-Madison	Special Government Employee (SGE) Member
Bardeen, Marjorie	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Batelaan, Herman	10/01/2017	09/30/2018	University of Nebraska	Special Government Employee (SGE) Member
Bathe, Mark	10/01/2017	09/30/2018	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Battat, James	10/01/2017	09/30/2018	Wellesley College	Special Government Employee (SGE) Member
Bauerdick, Lothar	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Beasley, Anthony	10/01/2017	09/30/2018	National Radio Astronomy Observatory	Special Government Employee (SGE) Member
Bellis, Matthew	10/01/2017	09/30/2018	Siena College	Special Government Employee (SGE) Member
Berrah, Nora	10/01/2017	09/30/2018	University of Connecticut	Special Government Employee (SGE) Member
Berti, Emanuele	10/01/2017	09/30/2018	University of Mississippi	Special Government Employee (SGE) Member
Bhatia, Ravinder	10/01/2017	09/30/2018	Thirty Meter Telescope	Special Government Employee (SGE) Member
Bhattacharya, Tanmoy	10/01/2017	09/30/2018	Los Alamos National Laboratory	Special Government Employee (SGE) Member
Bluhm, Robert	10/01/2017	09/30/2018	Colby College	Special Government Employee (SGE) Member
Bolyard, Jody	10/01/2017	09/30/2018	National Radio Astronomu Observatory	Special Government Employee (SGE) Member
Briggs, Michael	10/01/2017	09/30/2018	University of Alabama in Huntsville	Special Government Employee (SGE) Member
Brink, Paul	10/01/2017	09/30/2018	SLAC National Accelerator Laboratory	Special Government Employee (SGE) Member
Bromberg, Carl	10/01/2017	09/30/2018	Michigan State University	Special Government Employee (SGE) Member

Brooks, Melynda	10/01/2017 09/30/2018	Los Alamos National Laboratory	Special Government Employee (SGE) Member
Brown, Kenneth	10/01/2017 09/30/2018	Duke University	Special Government Employee (SGE) Member
Brown, Michael	10/01/2017 09/30/2018	Swarthmore College	Special Government Employee (SGE) Member
Calafiura, Paola	10/01/2017 09/30/2018	Lawrence Berkeley National Laboratory	Special Government Employee (SGE) Member
Chen, Xie	10/01/2017 09/30/2018	California Institute of Technology	Special Government Employee (SGE) Member
Cheung-Wyker, Margaret	10/01/2017 09/30/2018	University of Houston	Special Government Employee (SGE) Member
Chowdhury, Partha	10/01/2017 09/30/2018	University of Massachusetts-Lowell	Special Government Employee (SGE) Member
Christiansen, Jodi	10/01/2017 09/30/2018	California Polytechnic State University	Special Government Employee (SGE) Member
Collins, Gilbert	10/01/2017 09/30/2018	University of Rochester	Special Government Employee (SGE) Member
Collon, Phillippe	10/01/2017 09/30/2018	University of Notre Dame	Special Government Employee (SGE) Member
Conrad, Janet	10/01/2017 09/30/2018	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Constantinou, Martha	10/01/2017 09/30/2018	Temple University	Special Government Employee (SGE) Member
Cooley, Jodi	10/01/2017 09/30/2018	Southern Methodist University	Special Government Employee (SGE) Member
Creighton, Jolien	10/01/2017 09/30/2018	University of Wisconsin-Milwaukee	Special Government Employee (SGE) Member
Crissman, Sally	10/01/2017 09/30/2018	TERC Inc	Special Government Employee (SGE) Member
Culhane, Candice	10/01/2017 09/30/2018	Los Alamos National Laboratory	Special Government Employee (SGE) Member
Cumalat, John	10/01/2017 09/30/2018	University of Colorado at Boulder	Special Government Employee (SGE) Member
Dalena, Serena	10/01/2017 09/30/2018	Physical Review	Special Government Employee (SGE) Member
Das, Kunal	10/01/2017 09/30/2018	Kutztown University of Pennsylvania	Special Government Employee (SGE) Member
Demers, Sarah	10/01/2017 09/30/2018	Yale University	Special Government Employee (SGE) Member
Denisov, Dmitri	10/01/2017 09/30/2018	Fermi Research Alliance, LLC	Special Government Employee (SGE) Member
DiMauro, Louis	10/01/2017 09/30/2018	The Ohio State University	Special Government Employee (SGE) Member
Dickerson, Andrew	10/01/2017 09/30/2018	University of Central Florida	Special Government Employee (SGE) Member
Ding, Lin	10/01/2017 09/30/2018	Ohio State University	Special Government Employee (SGE) Member
Dobbins, Tabbetha	10/01/2017 09/30/2018	Rowan University	Special Government Employee (SGE) Member
Dodin, Ilya	10/01/2017 09/30/2018	Princeton University	Special Government Employee (SGE) Member
Doering, Michael	10/01/2017 09/30/2018	George Washington University	Special Government Employee (SGE) Member
Dong, Su	10/01/2017 09/30/2018	SLAC National Accelerator Laboratory	Special Government Employee (SGE) Member
Douglas, Melissa	10/01/2017 09/30/2018	Los Alamos National Laboratory	Special Government Employee (SGE) Member

Downie, Evangeline	10/01/2017	09/30/2018	George Washington University	Special Government Employee (SGE) Member
Dutt, Gurudev	10/01/2017	09/30/2018	University of Pittsburgh	Special Government Employee (SGE) Member
Dutta, Sanghamitra	10/01/2017	09/30/2018	NASA HQ	Regular Government Employee (RGE) Member
Ebrahimi, Fatima	10/01/2017	09/30/2018	Princeton University Plasma Physics Lab	Special Government Employee (SGE) Member
Edwards, Glenn	10/01/2017	09/30/2018	Duke University	Special Government Employee (SGE) Member
Edwards, Mark	10/01/2017	09/30/2018	Georgia Southern University	Special Government Employee (SGE) Member
Elliott, Steven	10/01/2017	09/30/2018	Los Alamos National Laboratory	Special Government Employee (SGE) Member
Faber, Joshua	10/01/2017	09/30/2018	Rochester Institute of Tech	Special Government Employee (SGE) Member
Figueroa Barragan, Eden	10/01/2017	09/30/2018	Stonybrook Technology and Applied Resear	Special Government Employee (SGE) Member
Flanagan, Eanna	10/01/2017	09/30/2018	Cornell University	Special Government Employee (SGE) Member
Fouts, Kenneth	10/01/2017	09/30/2018	Stanford Linear Accelerator Center	Special Government Employee (SGE) Member
Fox, Derek	10/01/2017	09/30/2018	Pennsylvania State University	Special Government Employee (SGE) Member
Fox, Patrick	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Fratello, Vincent	10/01/2017	09/30/2018	Quest Integrated	Special Government Employee (SGE) Member
Frohlich, Carla	10/01/2017	09/30/2018	North Carolina State University	Special Government Employee (SGE) Member
Fuqua, Peter	10/01/2017	09/30/2018	Aerospace Corporation	Special Government Employee (SGE) Member
Furnstahl, Richard	10/01/2017	09/30/2018	The Ohio State University	Special Government Employee (SGE) Member
Garcia, Alejandro	10/01/2017	09/30/2018	University of Washington	Special Government Employee (SGE) Member
Gelmini, Graciela	10/01/2017	09/30/2018	University of California-Los Angeles	Special Government Employee (SGE) Member
Geraci, Andrew	10/01/2017	09/30/2018	Northwestern University	Special Government Employee (SGE) Member
Ghose, Ranajeet	10/01/2017	09/30/2018	CUNY College of Staten Island	Special Government Employee (SGE) Member
Gibble, Kurt	10/01/2017	09/30/2018	Pennsylvania State University	Special Government Employee (SGE) Member
Giblin, John	10/01/2017	09/30/2018	Kenyon College	Special Government Employee (SGE) Member
Gilfoyle, Gerard	10/01/2017	09/30/2018	University of Richmond	Special Government Employee (SGE) Member
Glasmacher, Thomas	10/01/2017	09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Glenzinski, Douglas	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Goodman, David	10/01/2017	09/30/2018	TMT Observatory Corporation	Special Government Employee (SGE) Member
Gori, Stefania	10/01/2017	09/30/2018	University of Cincinnati Main Campus	Special Government Employee (SGE) Member
Grannis, Paul	10/01/2017	09/30/2018	State University of New York	Special Government Employee (SGE) Member

Graves, William	10/01/2017 09/30/2018 Arizona State University	Special Government Employee (SGE) Member
Greene, Chris	10/01/2017 09/30/2018 Purdue University	Special Government Employee (SGE) Member
Gupta, Subhadeep	10/01/2017 09/30/2018 University of Washington	Special Government Employee (SGE) Member
Gutperle, Michael	10/01/2017 09/30/2018 University of California Los Angeles	Special Government Employee (SGE) Member
Habig, Alec	10/01/2017 09/30/2018 University of Minnesota Duluth	Special Government Employee (SGE) Member
Hadler, Joshua	10/01/2017 09/30/2018 National Institute of Standards and Technology	Regular Government Employee (RGE) Member
Haeffner, Hartmut	10/01/2017 09/30/2018 University Of California-berkeley	Special Government Employee (SGE) Member
Hafezi, Mohammad	10/01/2017 09/30/2018 University of Maryland	Special Government Employee (SGE) Member
Halkiadakis, Eva	10/01/2017 09/30/2018 Rutgers University	Special Government Employee (SGE) Member
Halverson, James	10/01/2017 09/30/2018 Northeastern University	Special Government Employee (SGE) Member
Harry, Gregory	10/01/2017 09/30/2018 American University	Special Government Employee (SGE) Member
Hartline, Beverly	10/01/2017 09/30/2018 Montana Tech of the University of Montana	Special Government Employee (SGE) Member
Heeger, Karsten	10/01/2017 09/30/2018 Yale University	Special Government Employee (SGE) Member
Heinzen, Daniel	10/01/2017 09/30/2018 University of Texas	Special Government Employee (SGE) Member
Herczynski, Andrzej	10/01/2017 09/30/2018 Boston College	Special Government Employee (SGE) Member
Hesser, James	10/01/2017 09/30/2018 Dominion Astrophysical Observatory	Special Government Employee (SGE) Member
Hicks, Kenneth	10/01/2017 09/30/2018 Ohio University	Special Government Employee (SGE) Member
Holt, Jeremy	10/01/2017 09/30/2018 Texas A&m Research Foundation	Special Government Employee (SGE) Member
Horiuchi, Shunsaku	10/01/2017 09/30/2018 Virginia Polytechnic Institute and State	Special Government Employee (SGE) Member
Hoyle, Charles	10/01/2017 09/30/2018 Humboldt State University	Special Government Employee (SGE) Member
Hu, Evelyn	10/01/2017 09/30/2018 Harvard University	Special Government Employee (SGE) Member
Huang, Zhirong	10/01/2017 09/30/2018 SLAC National Accelerator Laboratory	Special Government Employee (SGE) Member
Hubeny, Veronika	10/01/2017 09/30/2018 University of California-Davis	Special Government Employee (SGE) Member
Huber, Garth	10/01/2017 09/30/2018 University of Regina	Special Government Employee (SGE) Member
Huentemeyer, Petra	10/01/2017 09/30/2018 Michigan Technological University	Special Government Employee (SGE) Member
Hutson, Michael	10/01/2017 09/30/2018 Vanderbilt University	Special Government Employee (SGE) Member
Ivezic, Zeljko	10/01/2017 09/30/2018 University of Washington	Special Government Employee (SGE) Member
Jaiswal, Priyank	10/01/2017 09/30/2018 Oklahoma State University	Special Government Employee (SGE) Member
Jeschonnek, Sabine	10/01/2017 09/30/2018 Ohio State University Lima Campus	Special Government Employee (SGE) Member

Jiang, Chunqi	10/01/2017 09/30/2018 Old Dominion University	Special Government Employee (SGE) Member
Jirdeh, Hussein	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Jones, Kevin	10/01/2017 09/30/2018 Williams College	Special Government Employee (SGE) Member
Jones, Robert	10/01/2017 09/30/2018 University of Virginia Main Campus	Special Government Employee (SGE) Member
Kahn, Steven	10/01/2017 09/30/2018 Stanford Linear Accelerator Center	Special Government Employee (SGE) Member
Kalogera, Vassiliki	10/01/2017 09/30/2018 Northwestern University	Special Government Employee (SGE) Member
Kanner, Jonah	10/01/2017 09/30/2018 California Institute of Technology	Special Government Employee (SGE) Member
Kaufer, Andreas	10/01/2017 09/30/2018 European Southern Observatory	Special Government Employee (SGE) Member
Killian, Thomas	10/01/2017 09/30/2018 William Marsh Rice University	Special Government Employee (SGE) Member
Kim, Young-Kee	10/01/2017 09/30/2018 University of Chicago	Special Government Employee (SGE) Member
Kimmel, Shelby	10/01/2017 09/30/2018 Middlebury College	Special Government Employee (SGE) Member
Klebanov, Igor	10/01/2017 09/30/2018 Princeton University	Special Government Employee (SGE) Member
Knowlton, Stephen	10/01/2017 09/30/2018 Auburn University	Special Government Employee (SGE) Member
Komives, Alexander	10/01/2017 09/30/2018 DePauw University	Special Government Employee (SGE) Member
Krennrich, Frank	10/01/2017 09/30/2018 Iowa State University	Special Government Employee (SGE) Member
Kumar, Prem	10/01/2017 09/30/2018 Northwestern University	Special Government Employee (SGE) Member
Kuranz, Carolyn	10/01/2017 09/30/2018 University of Michigan Ann Arbor	Special Government Employee (SGE) Member
Landry, Michael	10/01/2017 09/30/2018 LIGO Hanford Observatory	Special Government Employee (SGE) Member
Lang, Rafael	10/01/2017 09/30/2018 Purdue University	Special Government Employee (SGE) Member
Larsen, Finn	10/01/2017 09/30/2018 University of Michigan	Special Government Employee (SGE) Member
Levine, Herbert	10/01/2017 09/30/2018 Rice University	Special Government Employee (SGE) Member
Liang, Edison	10/01/2017 09/30/2018 Rice University	Special Government Employee (SGE) Member
Liao, Jinfeng	10/01/2017 09/30/2018 Indiana University	Special Government Employee (SGE) Member
Liehr, Mlichael	10/01/2017 09/30/2018 SUNY Polytechnic Institute	Special Government Employee (SGE) Member
Littlewood, Peter	10/01/2017 09/30/2018 University of Chicago	Special Government Employee (SGE) Member
Liu, Chen-Yu	10/01/2017 09/30/2018 Indiana University	Special Government Employee (SGE) Member
Livas, Jeffrey	10/01/2017 09/30/2018 NASA / Goddard Space Flight Center	Regular Government Employee (RGE) Member
Lopez, Jose	10/01/2017 09/30/2018 Seton Hall University	Special Government Employee (SGE) Member
Loureiro, Nuno	10/01/2017 09/30/2018 Massachusetts Institute of Technology	Special Government Employee (SGE) Member

Lousto, Carlos	10/01/2017	09/30/2018	Rochester Institute of Technology	Special Government Employee (SGE) Member
Love, Peter	10/01/2017	09/30/2018	Tufts University	Special Government Employee (SGE) Member
Lund, Steven	10/01/2017	09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Lytle, Amy	10/01/2017	09/30/2018	Franklin and Marshall College	Special Government Employee (SGE) Member
Ma, Tammy	10/01/2017	09/30/2018	Lawrence Livermore National Laboratory	Special Government Employee (SGE) Member
Mandelberg, Micheal	10/01/2017	09/30/2018	University of Maryland	Regular Government Employee (RGE) Member
Mans, Jeremiah	10/01/2017	09/30/2018	University of Minnesota-Twin Cities	Special Government Employee (SGE) Member
Mantsch, Paul	10/01/2017	09/30/2018	Fermi Research Alliance, LLC	Special Government Employee (SGE) Member
Marko, John	10/01/2017	09/30/2018	Northwestern University	Special Government Employee (SGE) Member
Markoff, Diane	10/01/2017	09/30/2018	North Carolina Central University	Special Government Employee (SGE) Member
Marqusee, Susan	10/01/2017	09/30/2018	University of California-Berkeley	Special Government Employee (SGE) Member
Matthews, Lorin	10/01/2017	09/30/2018	Baylor University	Special Government Employee (SGE) Member
McBride, Ryan	10/01/2017	09/30/2018	University of Michigan	Special Government Employee (SGE) Member
McSwain, Mary	10/01/2017	09/30/2018	Lehigh University	Special Government Employee (SGE) Member
Mededovic, Selma	10/01/2017	09/30/2018	Clarkson University	Special Government Employee (SGE) Member
Medland, Anthony	10/01/2017	09/30/2018	STFC - Science and Technology Facilities Council	Special Government Employee (SGE) Member
Menoni, Carmen	10/01/2017	09/30/2018	Colorado State University	Special Government Employee (SGE) Member
Mikhailova, Julia	10/01/2017	09/30/2018	Princeton University	Special Government Employee (SGE) Member
Militzer, Burkhard	10/01/2017	09/30/2018	University of California-Berkeley	Special Government Employee (SGE) Member
Moore, Cristopher	10/01/2017	09/30/2018	Santa Fe Institute	Special Government Employee (SGE) Member
Moore, David	10/01/2017	09/30/2018	Yale University	Special Government Employee (SGE) Member
Morfin, Jorge	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Mueller, Holger	10/01/2017	09/30/2018	University of California-Berkeley	Special Government Employee (SGE) Member
Murat, Pavel	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Musser, James	10/01/2017	09/30/2018	Indiana University	Special Government Employee (SGE) Member
Naculich, Stephen	10/01/2017	09/30/2018	Bowdoin College	Special Government Employee (SGE) Member
Naples, Donna	10/01/2017	09/30/2018	University of Pittsburgh	Special Government Employee (SGE) Member
Natrass, Christine	10/01/2017	09/30/2018	University of Tennessee Knoxville	Special Government Employee (SGE) Member
Naughton, Michael	10/01/2017	09/30/2018	Boston College	Special Government Employee (SGE) Member

Nielsen, Jason	10/01/2017	09/30/2018	University of California-Santa Cruz	Special Government Employee (SGE) Member
Nygren, David	10/01/2017	09/30/2018	University of Texas at Arlington	Special Government Employee (SGE) Member
O'Connor, Paul	10/01/2017	09/30/2018	Brookhaven National Laboratory	Special Government Employee (SGE) Member
O'Hern, Corey	10/01/2017	09/30/2018	Yale University	Special Government Employee (SGE) Member
Ogilvie, Jennifer	10/01/2017	09/30/2018	University of Michigan Ann Arbor	Special Government Employee (SGE) Member
Oishi, Jeffrey	10/01/2017	09/30/2018	Bates College	Special Government Employee (SGE) Member
Onuchic, Jose	10/01/2017	09/30/2018	Rice University	Special Government Employee (SGE) Member
Orozco, Luis	10/01/2017	09/30/2018	University of Maryland	Special Government Employee (SGE) Member
Oschmann, Jacobus	10/01/2017	09/30/2018	Ball Aerospace and Technologies	Special Government Employee (SGE) Member
Owen, Benjamin	10/01/2017	09/30/2018	Texas Tech University	Special Government Employee (SGE) Member
Pantic, Emilija	10/01/2017	09/30/2018	University of California-Davis	Special Government Employee (SGE) Member
Papadimitriou, Vaia	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Parsons, John	10/01/2017	09/30/2018	Columbia University	Special Government Employee (SGE) Member
Peatross, Justin	10/01/2017	09/30/2018	Brigham Young University	Special Government Employee (SGE) Member
Perez, Kerstin	10/01/2017	09/30/2018	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Pfister, Olivier	10/01/2017	09/30/2018	University of Virginia Main Campus	Special Government Employee (SGE) Member
Pittman, Todd	10/01/2017	09/30/2018	University of Maryland Baltimore County	Special Government Employee (SGE) Member
Platter, Lucas	10/01/2017	09/30/2018	University of Tennessee Extension	Special Government Employee (SGE) Member
Porto, James	10/01/2017	09/30/2018	University of Maryland	Regular Government Employee (RGE) Member
Pratt, Scott	10/01/2017	09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Provornikova, Elena	10/01/2017	09/30/2018	Department of Navy Naval Research Labora	Special Government Employee (SGE) Member
Queval, Françoise	10/01/2017	09/30/2018	University of California-Los Angeles	Special Government Employee (SGE) Member
Rauschenbach, Kristin	10/01/2017	09/30/2018	Notchway Solutions	Special Government Employee (SGE) Member
Rawlins, Katherine	10/01/2017	09/30/2018	University of Alaska Anchorage Campus	Special Government Employee (SGE) Member
Regal, Cindy	10/01/2017	09/30/2018	University of Colorado at Boulder	Special Government Employee (SGE) Member
Reimer, Paul	10/01/2017	09/30/2018	Argonne National Laboratory	Special Government Employee (SGE) Member
Restaino, Sergio	10/01/2017	09/30/2018	Naval Research Laboratory	Regular Government Employee (RGE) Member
Ringe, Dagmar	10/01/2017	09/30/2018	Brandeis University	Special Government Employee (SGE) Member
Roberts, Elijah	10/01/2017	09/30/2018	John Hopkins University	Special Government Employee (SGE) Member

Robertson, Hamish	10/01/2017 09/30/2018 University of Washington	Special Government Employee (SGE) Member
Roche, Julie	10/01/2017 09/30/2018 Ohio University	Special Government Employee (SGE) Member
Rodriguez, Maria	10/01/2017 09/30/2018 Utah State University	Special Government Employee (SGE) Member
Romero-Talamas, Carlos	10/01/2017 09/30/2018 University of Maryland Baltimore County	Special Government Employee (SGE) Member
Rovelli, Carlo	10/01/2017 09/30/2018 CNRS	Special Government Employee (SGE) Member
Rowe, Allan	10/01/2017 09/30/2018 Fermi Research Alliance, LLC	Special Government Employee (SGE) Member
Roy, Jean-Rene'	10/01/2017 09/30/2018 Laval University	Special Government Employee (SGE) Member
Saffman, Mark	10/01/2017 09/30/2018 University of Wisconsin	Special Government Employee (SGE) Member
Safronova, Marianna	10/01/2017 09/30/2018 University of Delaware	Special Government Employee (SGE) Member
Salinger, Gerhard	10/01/2017 09/30/2018 Consultant	Special Government Employee (SGE) Member
Salur, Sevil	10/01/2017 09/30/2018 Rutgers University	Special Government Employee (SGE) Member
Sanders, Barry	10/01/2017 09/30/2018 University of Calgary	Special Government Employee (SGE) Member
Sarff, John	10/01/2017 09/30/2018 University of Wisconsin-Madison	Special Government Employee (SGE) Member
Schoetz, Eva-Maria	10/01/2017 09/30/2018 Swarthmore College	Special Government Employee (SGE) Member
Scholberg, Kate	10/01/2017 09/30/2018 Duke University	Special Government Employee (SGE) Member
Schulten, Zan Luthey	10/01/2017 09/30/2018 University of Illinois	Special Government Employee (SGE) Member
Schultz, David	10/01/2017 09/30/2018 Northern Arizona University	Special Government Employee (SGE) Member
Schwartz, Philip	10/01/2017 09/30/2018 Physicist	Special Government Employee (SGE) Member
Seidel, Sally	10/01/2017 09/30/2018 University of New Mexico	Special Government Employee (SGE) Member
Seidler, Gerald	10/01/2017 09/30/2018 University of Washington	Special Government Employee (SGE) Member
Shadwick, Bradley	10/01/2017 09/30/2018 University of Nebraska-Lincoln	Special Government Employee (SGE) Member
Shawhan, Peter	10/01/2017 09/30/2018 University of Maryland	Special Government Employee (SGE) Member
Shim, Bonggu	10/01/2017 09/30/2018 SUNY at Binghamton	Regular Government Employee (RGE) Member
Shubeita, George	10/01/2017 09/30/2018 New York University Abu Dhabi	Special Government Employee (SGE) Member
Siemens, Xavier	10/01/2017 09/30/2018 University of Wisconsin-Madison	Special Government Employee (SGE) Member
Siggia, Eric	10/01/2017 09/30/2018 Rockefeller University	Special Government Employee (SGE) Member
Silva, David	10/01/2017 09/30/2018 National Optical Astronomy Observatory	Special Government Employee (SGE) Member
Simons, Douglas	10/01/2017 09/30/2018 Canada France Hawaii Telescope	Special Government Employee (SGE) Member
Smith, Wesley	10/01/2017 09/30/2018 University of Wisconsin	Special Government Employee (SGE) Member

Spakowitz, Andrew	10/01/2017	09/30/2018	Stanford University	Special Government Employee (SGE) Member
Spielman, Ian	10/01/2017	09/30/2018	National Institute of Standards and Technology	Regular Government Employee (RGE) Member
Spyromilio, Jason	10/01/2017	09/30/2018	European Southern Observatory	Special Government Employee (SGE) Member
Spyrou, Artemis	10/01/2017	09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Srinivasan, Bhuvana	10/01/2017	09/30/2018	Virginia Polytechnic Institute and State	Special Government Employee (SGE) Member
Stalnaker, Jason	10/01/2017	09/30/2018	Oberlin College	Special Government Employee (SGE) Member
Stapelmann, Katharina	10/01/2017	09/30/2018	North Carolina State University	Special Government Employee (SGE) Member
Starace, Anthony	10/01/2017	09/30/2018	University of Nebraska	Special Government Employee (SGE) Member
Steck, Daniel	10/01/2017	09/30/2018	University of Oregon-Eugene	Special Government Employee (SGE) Member
Steeghs, Danny	10/01/2017	09/30/2018	University Of Warwick	Special Government Employee (SGE) Member
Stephanus, Blaise	10/01/2017	09/30/2018	Dartmouth College	Special Government Employee (SGE) Member
Stoneking, Matthew	10/01/2017	09/30/2018	Lawrence University	Special Government Employee (SGE) Member
Strait, James	10/01/2017	09/30/2018	Fermil National Accelerator Laboratory	Special Government Employee (SGE) Member
Strauss, Michael	10/01/2017	09/30/2018	University of Oklahoma-Norman Campus	Special Government Employee (SGE) Member
Strom, David	10/01/2017	09/30/2018	University of Oregon Eugene	Special Government Employee (SGE) Member
Su, Shufang	10/01/2017	09/30/2018	University of Arizona	Special Government Employee (SGE) Member
Sullivan, Gregory	10/01/2017	09/30/2018	University of Maryland	Special Government Employee (SGE) Member
Sunda-Meya, Anderson	10/01/2017	09/30/2018	Xavier University of Louisiana	Special Government Employee (SGE) Member
Sundrum, Raman	10/01/2017	09/30/2018	University of Maryland	Special Government Employee (SGE) Member
Takai, Helio	10/01/2017	09/30/2018	Brookhaven National Laboratory	Special Government Employee (SGE) Member
Tandy, Peter	10/01/2017	09/30/2018	Kent State University	Special Government Employee (SGE) Member
Tessmer, Stuart	10/01/2017	09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Thirumalai, David	10/01/2017	09/30/2018	University of Texas at Austin	Special Government Employee (SGE) Member
Thomas, James	10/01/2017	09/30/2018	Lawrence Berkeley Laboratory	Special Government Employee (SGE) Member
Thompson, David	10/01/2017	09/30/2018	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Tian, Lin	10/01/2017	09/30/2018	University of California-Merced	Special Government Employee (SGE) Member
Trelles, Juan	10/01/2017	09/30/2018	University of Massachusetts Lowell	Special Government Employee (SGE) Member
Tschirhart, Robert	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Tsybychev, Dmitri	10/01/2017	09/30/2018	Stony Brook University	Special Government Employee (SGE) Member

Umstadter, Donald	10/01/2017	09/30/2018	University of Nebraska	Special Government Employee (SGE) Member
Velli, Marco	10/01/2017	09/30/2018	University of California-Los Angeles	Special Government Employee (SGE) Member
Vengalattore, Mukund	10/01/2017	09/30/2018	Cornell University	Special Government Employee (SGE) Member
Villard, Catherine	10/01/2017	09/30/2018	Institut Curie	Special Government Employee (SGE) Member
Vogelaar, Robert	10/01/2017	09/30/2018	Virginia Polytechnic Institute and State University	Special Government Employee (SGE) Member
Vokos, Stamatis	10/01/2017	09/30/2018	Cal Poly San Luis Obispo	Special Government Employee (SGE) Member
Wang, Hailin	10/01/2017	09/30/2018	University of Oregon Eugene	Special Government Employee (SGE) Member
Watson, Scott	10/01/2017	09/30/2018	Syracuse University	Special Government Employee (SGE) Member
Wayne, Mitchell	10/01/2017	09/30/2018	University of Notre Dame	Special Government Employee (SGE) Member
Weber, Thomas	10/01/2017	09/30/2018	Los Alamos National Laboratory	Special Government Employee (SGE) Member
Weinstein, Amanda	10/01/2017	09/30/2018	Iowa State University	Special Government Employee (SGE) Member
Weisend, John	10/01/2017	09/30/2018	European Spallation Source	Special Government Employee (SGE) Member
Westerhoff, Stefan	10/01/2017	09/30/2018	University of Wisconsin-madison	Special Government Employee (SGE) Member
Whitcomb, Stanley	10/01/2017	09/30/2018	California Institute of Technology	Special Government Employee (SGE) Member
White, Herman	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Whitmore, Julie	10/01/2017	09/30/2018	Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Wietfeldt, Fred	10/01/2017	09/30/2018	Tulane University	Special Government Employee (SGE) Member
Williams, Dawn	10/01/2017	09/30/2018	University of Alabama Tuscaloosa	Special Government Employee (SGE) Member
Williams, Jeremiah	10/01/2017	09/30/2018	Wittenberg University	Special Government Employee (SGE) Member
Wissink, Scott	10/01/2017	09/30/2018	Indiana University Bloomington	Special Government Employee (SGE) Member
Yang, Liang	10/01/2017	09/30/2018	University of Illinois,Urbana-Champaign	Special Government Employee (SGE) Member
Yao, Norman	10/01/2017	09/30/2018	University of California-Berkeley	Special Government Employee (SGE) Member
Yee, Ho-Ung	10/01/2017	09/30/2018	University of Illinois	Special Government Employee (SGE) Member
Yennello, Sherry	10/01/2017	09/30/2018	Texas A&M University Main Campus	Special Government Employee (SGE) Member
Yu, Haibo	10/01/2017	09/30/2018	University of California-Riverside	Special Government Employee (SGE) Member
Zelevinsky, Tanya	10/01/2017	09/30/2018	Columbia University	Special Government Employee (SGE) Member
Zidovska, Alexandra	10/01/2017	09/30/2018	New York University	Special Government Employee (SGE) Member
Zieve, Rena	10/01/2017	09/30/2018	University of California-Davis	Special Government Employee (SGE) Member
van Bibber, Karl	10/01/2017	09/30/2018	University of California-Berkeley	Special Government Employee (SGE) Member

Number of Committee Members Listed: 292

Narrative Description

The NSF mission is set out in the NSF Act of 1950 authorizes and directs the Agency to initiate and support: basic scientific research and research fundamental to the engineering process; and science and engineering education programs at all levels and in all fields of science and engineering. The involvement of knowledgeable peers from outside the Foundation in the review of proposals is the keystone of NSF's proposal review system. Their judgments of the extents to which proposals address the merit review criteria are vital for informing NSF staff and influencing funding recommendations.

What are the most significant program outcomes associated with this committee?

Checked if Applies

- | | |
|---------------------------------------------------|-------------------------------------|
| Improvements to health or safety | <input type="checkbox"/> |
| Trust in government | <input type="checkbox"/> |
| Major policy changes | <input type="checkbox"/> |
| Advance in scientific research | <input checked="" type="checkbox"/> |
| Effective grant making | <input checked="" type="checkbox"/> |
| Improved service delivery | <input type="checkbox"/> |
| Increased customer satisfaction | <input type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|----------------------------|-------------------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input checked="" type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

The use of panelists to review proposals for the Agency is an invaluable asset. The cost of obtaining the expertise, insight, and information received by the Division using alternative methods, such as hiring the expertise as full or part-time employees, would be extremely high.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

740

Number of Recommendations Comments

This is the approximate number of recommendations made in FY2018.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

100%

% of Recommendations Fully Implemented Comments

The word implement is not applicable to grant review panels. All recommendations are considered by the agency.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

Not applicable. Please see answer directly above.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Although panelists may not receive direct feedback, each committee member may use the NSF Fastlane, a public web-based program, which provides information on awards made by the agency to determine the outcome of proposals reviewed by panel.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

Yes

What is the estimated Number of grants reviewed for approval	728
What is the estimated Number of grants recommended for approval	313
What is the estimated Dollar Value of grants recommended for approval	\$232,982,260

Grant Review Comments

The panelists/advisory committee members provided information on the merit of the proposal, which includes an overall rating. The number of proposals above include pre-proposals submitted to NSF for review. The pre-proposals are not included in the number of grants recommend or dollar value of grants recommended for approval.

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input type="checkbox"/>
Online Committee Web Site	<input type="checkbox"/>
Online GSA FACA Web Site	<input type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

N/A